

AWEX-G Forecast for Tuesday, Nov. 4 (Nov 5 UT)

Forecast (updated 6:45pm CST): Winds becoming northeast about 10mph. Scattered clouds. Cloud bases higher tonight.

Should be a cold and relatively clear night. Skies clearer toward beginning of period. Large sonde launch may be possible. Winds will be close to 5m/s criterion.

Synopsis: 00Z [surface analysis](#): Cold front has finally pushed through the area, currently extends across TX panhandle and SE Oklahoma.

[OK mesonet](#): Light winds from the north around 10mph. Temps in the mid40s with a dewpoint spread of about 6 degrees.

[Grant County forecast](#): Tonight. Partly cloudy. Windy. Cooler. Lows in the lower 30s. Northeast winds 15 to 25 mph.

[RUC cloud forecast](#): clear skies overhead except cirrus developing sometime after midnight.

Observations at SGP@00 Z: A little windy, cold and clear – especially to the north.

Decisions made at the 7pm AWEX-G meeting:

- 1) Go with a single 1500g balloon @ 0300 Z with RS-92 (GPS) and Frostpoint Hygrometer (w/RS-80 and SnowWhite).
- 2) At 0530 we will release a single 350g balloon with RS92 (Loran), RS90 and Internet payloads.

What actually occurred?

- 1) a single 1500g balloon @ 0303 Z with RS-92 (GPS) and Frostpoint Hygrometer (w/RS-80 and SnowWhite).

Note: At 0303 Z, according to Chris Keenan of Vaisala, the RS92 GPS sonde we flew this evening on-board Holger Voemel's FPH package is the first successful flight of this new radiosonde done in North America.

- 2) A single 350g balloon @ 0530 Z with RS92(loran), RS90 and Internet was launched.

Lidars

SRL was operational from ~0230 – 0700

CARL ran throughout.

Belay